

SFT-Series II Digital Pump

The SFT-Series II pump consists of a series of modular subassemblies packaged to meet basic metering and chromatography application requirements. The extensive use of digital logic and a micro-stepped motor allow for precise and flexible control. The user interface consists of an LED display and keypad. The use of the self-flush head and an one-year warranty ensure years of trouble-free service. Method development is easy with Autoprime™ purging.



**The SFT-Series II is an isocratic pump
for basic applications**

The SFT-Series II is gives the modern chromatographer solid, reliable performance at a value price. When combined with a SFT-Series III pump, keypad controller, detector, and injector, you have an economical, flexible binary gradient system.

SPECIFICATIONS

Flow rates	0.001 - 5.0 ml/min 0.01 - 10 ml/min 0.1 - 40 ml/min
Pressure	0 to 6,000 psi (5 & 10 ml SS heads) 0 to 5,000 psi (5 & 10 ml PEEK heads) 0 to 1,500 psi (40 ml heads)
Accuracy	2%
Precision	0.2% RSD
Dimensions	5.5" H x 10.4" W x 17.5" D
Weight	24 pounds (12 kg)
Power	100/110 Volts ac; 220 Volts ac; 50/60 Hz
Features	Prime-purge valve Pulse damper LED display RS-232 input

Supercritical Fluid Techs Inc

One Innovation Way, Newark,
DE, United States
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Meets the most demanding applications

The patented low dead volume pulse damper and rapid refill in the SFT-Series II make this single-piston pump virtually pulse-free. It meets the requirements of the most demanding detectors.

Analytical and preparative separations

Flow rates from 0.001 to 5 ml/min; 0.01 to 10 ml/min; or 0.1 to 40 ml/min are available.

Material compatibility for all applications

Available in either traditional 316 stainless steel or biocompatible PEEK™ (polyetherether ketone) for metal-sensitive applications. Choose the material best suited for each application.

Reduced maintenance

Seal life is dramatically extended by actively flushing the back of the primary seal with a flushing solution. The result is less down-self-flush is automatic; just change the flushing fluid weekly. Seals can be changed in five minutes without tools.

Easy solvent changes

Autoprime™ one-button purging makes it easy to prime or purge the pump.

Works in your existing system

The SFT-Series II is a direct replacement for many pumps, including Waters, Shimadzu, and other leading brands.

Performance beyond its price and the security of a 1-year warranty

The use of digital stepper motor technology and the proven single-piston design gives the performance of the most expensive pumps at a fraction of their cost. The operating cost is lower too, due to the simplicity of the design and fewer number of parts required. It's so reliable it carries a 1-year warranty.

Intended applications

- Isocratic applications and metering
- Biocompatible applications
- Semi-preparative to 40 ml/min
- Research and development
- Quality assurance
- Education

ORDERING INFORMATION

- 205PFM01** SFT-Series II pump, .001-5 ml/min, Self-flush, minipulse damper, microstepping, PEEK
- 205SFM01** SFT-Series II pump, .001-5 ml/min, Self-flush, minipulse damper, microstepping, Stainless steel
- 210SFP01** SFT-Series II pump, self-flush, 0.01-10 ml/min., with pulse damper, Stainless steel
- 240SFP01** SFT-Series II pump, self-flush, 0.1-40 ml/min., with pulse damper, Stainless steel
- 210PFP01** SFT-Series II pump, self-flush, 0.01- 10 ml/min., with pulse damper, PEEK
- 240PFP01** SFT-Series II pump, self-flush, 0.1-40 ml/min., with pulse damper, PEEK

****SFT-Series II Pumps do not include pressure transducer.***

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